



Connect the laptop to the home network(Router). The router allow to connect the internet. In internet connect the rps server and login with my credentials and, once its successfully logged in the user can access the Rps Cloud Lab

**Parallel Computing: Weather Forecasting**

- Parallel computing is utilized in weather forecasting to process more number of datas simultaneously.
- Weather models divide the Earth's atmosphere into small grids, with each grid representing a portion of the atmosphere.
- Parallel computing allows these grids to be processed simultaneously by different processors, significantly reducing computation time.

**Importance:**

- Timely and accurate weather forecasts are crucial for various sectors like agriculture, transportation, and emergency response.
- Parallel computing enables meteorologists to run complex simulations faster, providing more accurate forecasts within shorter time frames.

**Networked Systems: Online Marketplace (e.g., Flipkart)**

- Flipkart rely on networked systems to connect buyers with sellers, manage product listings, process orders, and handle payments.
- These systems facilitate communication between various stakeholders, including customers, vendors, logistics partners, and customer support teams.

**Importance:**

- In the highly competitive e-commerce landscape, networked systems ensure efficient operations, timely order processing, and secure transactions.
- They enable businesses to scale their operations, handle high volumes of traffic, and provide personalized experiences to customers and customer satisfaction.